ABSTRACT

The present invention is to provide a laminate of magnetic substrates having high thermal conductivity in order to prevent deterioration of heat releasing properties caused by low thermal conductivity when exothermic heat due to the core loss of the laminate of magnetic substrates comprising a magnetic metal thin plate and a high molecular compound is released to the outside.

A laminate of magnetic substrates comprising a high molecular compound layer and a magnetic metal thin plate is used, wherein the volume resistivity defined in JIS H 0505 in a direction perpendicular to the high molecular compound layer surface of the laminate is less than 10^8 Ωcm. The laminate is provided with an electrical continuity point created among magnetic metal thin plates such that the high molecular compound inside the laminate is pushed out to the outside of the laminate by pressurizing the laminate.